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**From:** Vazquez, Julio [Vazquez.Julio@epa.gov]  
**Sent:** 4/25/2016 12:54:53 PM  
**To:** Craig, Harry [Craig.Harry@epa.gov]; Hendrickson, Charles [hendrickson.charles@epa.gov]  
**CC:** Rodriguez, Daniel [Rodriguez.Daniel@epa.gov]; Maddox, Doug [Maddox.Doug@epa.gov]; Shuster, Kenneth [Shuster.Kenneth@epa.gov]; Dixon, Chelsea [Dixon.Chelsea@epa.gov]; Huang, Judy [Huang.Judy@epa.gov]; Mayer, Richard [mayer.richard@epa.gov]; Torcoletti, Paul [Torcoletti.Paul@epa.gov]; Halstead, Sandra [Halstead.Sandra@epa.gov]; Palumbo, Janice [Palumbo.Jan@epa.gov]  
**Subject:** RE: UMCD  
**Attachments:** Submittal - Revised Final FS for OD Grounds, Seneca Army Depot Activity

Harry, et. al.,

Attached is Seneca Army's RTCs. It is apparent that the Army is not addressing the issues of characterization and waste-in-place we brought up on our comment letter. On their cover letter, they mention a meeting to discuss other alternatives.

I consider their RTCs as non-responsive. Seneca has a new PM and our communication does not seem to be in order.

Julio F Vazquez  
Remedial Project Manager  
USEPA Region 2  
Special Projects Branch  
New York

-----Original Message-----

From: Craig, Harry  
Sent: Thursday, April 21, 2016 1:12 PM  
To: Hendrickson, Charles <hendrickson.charles@epa.gov>; Vazquez, Julio <Vazquez.Julio@epa.gov>  
Cc: Rodriguez, Daniel <Rodriguez.Daniel@epa.gov>; Maddox, Doug <Maddox.Doug@epa.gov>; Shuster, Kenneth <Shuster.Kenneth@epa.gov>; Dixon, Chelsea <Dixon.Chelsea@epa.gov>; Huang, Judy <Huang.Judy@epa.gov>; Mayer, Richard <mayer.richard@epa.gov>; Torcoletti, Paul <Torcoletti.Paul@epa.gov>; Halstead, Sandra <Halstead.Sandra@epa.gov>; Palumbo, Janice <Palumbo.Jan@epa.gov>  
Subject: RE: UMCD

Thanks Chuck. I think one of the indicators that can be used at specific sites is the net explosives weight limits on the depot permits. See Chapter 9 of the attached document that shows the limits for a number of if not all the major demilitarization facilities and depots.

Harry

-----Original Message-----

From: Hendrickson, Charles  
Sent: Wednesday, April 20, 2016 12:48 PM  
To: Craig, Harry <Craig.Harry@epa.gov>; Vazquez, Julio <Vazquez.Julio@epa.gov>  
Cc: Rodriguez, Daniel <Rodriguez.Daniel@epa.gov>; Maddox, Doug <Maddox.Doug@epa.gov>; Shuster, Kenneth <Shuster.Kenneth@epa.gov>; Dixon, Chelsea <Dixon.Chelsea@epa.gov>; Huang, Judy <Huang.Judy@epa.gov>; Mayer, Richard <mayer.richard@epa.gov>; Torcoletti, Paul <Torcoletti.Paul@epa.gov>  
Subject: RE: UMCD

Harry, Julio, et al,

Considering what's been found at Fort Wingate Depot, 1500' might not be nearly far enough to look for MEC.

You should take a look at the Fort Wingate Depot munitions map I've attached. The OB/OD area is in the southern part of the facility. The map spots the more-recent locations of MEC finds, which extend 3000' - 5000' from the OD pits. About 11,000 munitions items, locations not recorded, were removed here in earlier post-BRAC-closure actions. The brownish locations are finds in the last year from the ongoing surface clearance of the Kickout Area.

The Kickout Area (of munitions pieces) is not shown on this map, but has been delineated to extend from 3000' to about 7500' from the OD pits, with the variation related to topography. Recoveries from the OD removal action are also not shown on the map; the first contract on the removal action (dig & sieve of the 32-acre OB/OD HWMU) ended at roughly 20-25% completion, having removed 2.2 million pounds of MDAS and over 13,000 MEC items, including a buried 2,000 lb. bomb. As a side note, Army dug a series of trenches through the OB/OD Area in the late 1990s and found two areas of buried munitions.

At Fort Wingate Depot, the RCRA Permit requires removal of treatment debris, so surface clearance/removal of the Kickout Area is being done. The Kickout Area was delineated by many radial transects that extended 275' beyond the last piece of munition found.

Hope this information is useful to you.  
Chuck

-----Original Message-----

From: Craig, Harry

Sent: Wednesday, April 20, 2016 11:57 AM

To: Vazquez, Julio <Vazquez.Julio@epa.gov>; Hendrickson, Charles <hendrickson.charles@epa.gov>

Cc: Rodriguez, Daniel <Rodriguez.Daniel@epa.gov>; Maddox, Doug <Maddox.Doug@epa.gov>; Shuster, Kenneth <Shuster.Kenneth@epa.gov>; Dixon, Chelsea <Dixon.Chelsea@epa.gov>; Huang, Judy <Huang.Judy@epa.gov>;

Mayer, Richard <mayer.richard@epa.gov>; Torcoletti, Paul <Torcoletti.Paul@epa.gov>

Subject: FW: UMCD

Julio, Chuck,

# Deliberative Process / Ex. 5

Regards,

Harry

-----Original Message-----

From: Craig, Harry

Sent: Tuesday, April 19, 2016 5:48 PM

To: 'DUSO Dan' <DUSO.Dan@deq.state.or.us>; ANDERSON David <ANDERSON.David@deq.state.or.us>

Cc: VROOMAN Gary L <Gary.L.VROOMAN@state.or.us>; Boyd, Andrew <Boyd.Andrew@epa.gov>; Faulk, Dennis <Faulk.Dennis@epa.gov>

Subject: RE: UMCD

Dan,

Based on my review of the Corp's draft Performance Work Statement (PWS), I have an issue of how far they are (not) going outside the fence on the west side of the ADA.

Based on my analysis of the previous ADA clearance, it appears that munitions (in red) were kicked out to about 1400 to 1500 feet from the edge of the demo pits (in yellow) as shown on the attached figure. Based on a rough line in black about 1500 feet around the demo pits, I am proposing that the Army/Corp conduct geophysical surveys at this same distance on the west side of the ADA, including off-site.

Any comments or suggestions?

Regards,

Harry